

ABSTRACT OF THE DISCLOSURE

A laser welded blank for use in applications calling for an engineered or tailor welded blank, such as in vehicle door panel assemblies. Two sheet metal pieces of different thicknesses are in edge-to-edge abutment such that an interface is formed therebetween, however, the mating edges are not parallel. Instead, a first segment of the interface is flush on a first side of the laser welded blank, while a second segment is flush on a second side of the blank. This arrangement permits an adjacent component, such as a rubber seal, located on one side of the laser welded blank to extend across or contact the interface at the first segment, while another component located on the other side of the blank may extend across or contact the interface at the second segment. Because both components are in flush contact with the interface, there is a reduction of air gaps, leaks, etc.